

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	17543	( (monitor\$4 or detect\$4 or determin\$4) with (path or connection or channel or link or line or bus) with (error or fault or fail\$4) ) same (controller or server or host or cpu or processor)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/27 09:30
L2	11224	L1 and ( (redundan\$5 or multiple or plurality or failover or (fail adj over) or spare or alternat\$4) with (path or connection or channel or link or line or bus))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/27 09:30
L3	3464	I2 and ((second\$3 or backup or redundant or passive or slave or failover or (fail adj over) or spare or alternat\$4) adj3 (controller or cpu or processor or server))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/27 09:32
L4	745	I3 and (predetermin\$4 adj time)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/27 09:32
L5	287	I3 and ((predetermin\$4 adj time) same (error or fault or fail\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/27 09:35
L6	142	I5 and ((error or fault or fail\$4) adj3 (state or condition or transient or temporary))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/27 09:37
L7	143	I5 and ((error or fault or fail\$4) adj3 (state or condition or transient or temporary or category))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/27 09:37
S1	743	(714/43).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/21 18:25
S2	20939	((first or primary or main or active) adj3 controller) and ((second\$3 or backup or redundant or passive) adj3 (controller))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 15:29
S3	1046465	(fail\$3 or broken or down\$2 or disconnect\$4 or fault\$2) with (connection or bus or link or path or line)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 12:23
S4	9484	S3 same ((state or condition) adj3 (failed or failing or fail or error or broken or disconnect or fault))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 09:59

## EAST Search History

S5	101	S4 and ((multiple or plurality) with (connection or bus or link or path or line)) and S2	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 10:01
S6	743	(714/43).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/21 12:17
S7	30	S6 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 10:02
S8	139	((first or primary or main or active) adj3 controller adj3 storage) and ((second\$3 or backup or redundant or passive) adj3 controller adj3 storage)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 10:50
S9	60	S8 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 10:04
S10	43	("3702006"   "5101492"   "5148432"   "5155845"   "5210860"   "5249279"   "5317731"   "5317752"   "5331476"   "5367669"   "5386324"   "5388108"   "5440743"   "5446855"   "5455934"   "5459864"   "5463643"   "5535365"   "5546535"   "5548711"   "5574863"   "5608891"   "5678026"   "5682537"   "5694571"   "5708771"   "5742239"   "5764922"   "5787304"   "5787463"   "5790775").PN. OR ("5944838").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/21 10:06
S11	7	("2002/0133735").URPN.	USPAT	AND	ON	2006/04/21 10:39
S12	481677	(fail\$3 or broken or down\$2 or disconnect\$4 or fault\$2) adj3 (connection or bus or link or path or line)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 12:11
S13	36	"l11" and S2	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 12:11
S14	43	S6 and ((second\$3 or backup or redundant or passive) adj3 controller)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 12:18

## EAST Search History

S15	502409	(fail\$3 or broken or down\$2 or disconnect\$4 or fault\$2) adj3 (connection or bus or link or path or line or channel)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 12:36
S16	24223	S15 with (monitor\$4 or detect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 12:36
S17	5510	S16 and ((multiple or plurality) adj3 (connection or bus or link or path or line or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 12:37
S18	216	S17 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 12:37

## EAST Search History

S19	177	( "3588839"   "3771137"   "3835260"   "3866182"   "4020466"   "4057849"   "4084231"   "4094000"   "4124843"   "4150429"   "4161777"   "4204251"   "4342079"   "4396984"   "4430727"   "4453215"   "4464713"   "4577272"   "4608688"   "4634100"   "4638424"   "4686620"   "4698808"   "4710870"   "4755928"   "4769764"   "4771375"   "4779189"   "4783834"   "4785472"   "4797750"   "4805106"   "4814592"   "4823333"   "4837580"   "4841475"   "4849978"   "4862411"   "4866611"   "4916605"   "4949187"   "4974156"   "4985695"   "5007053"   "5029199"   "5051887"   "5060142"   "5060185"   "5089958"   "5093787"   "5097439"   "5099485"   "5101492"   "5123099"   "5127048"   "5132787"   "5134711"   "5146576"   "5146605"   "5155814"   "5155835"   "5155845"   "5157770"   "5159671"   "5170471"   "5175837"   "5175839"   "5185864"   "5185884"   "5201053"   "5202887"   "5206939"   "5210865"   "5212772"   "5235601"   "5235690"   "5235692"   "5239659"   "5257144"   "5263154"   "5269011"   "5274645"   "5276867"   "5285451"   "5313664"   "5317731"   "5321826"   "5335352"   "5341493"   "5343477"   "5357509"   "5367698"   "5375232"   "5377342"   "5379412"   "5381539"   "5392390"   "5428796"   "5432922"   "5434994"   "5435004"   "5446870"   "5450577"   "5459857"   "5463752"   "5469503"   "5479654"   "5495601"   "5497483"   "5506986"   "5522031"   "5526484"   "5535381"   "5537533"   "5544345"   "5544347"   "5555371"   "5574950"   "5579318"   "5584039"   "5592618"   "5596706"   "5613155"   "5615329"   "5615364").PN. OR ("5625818"   "5633999"   "5649089"   "5673382"   "5680580"   "5680640"   "5682396"   "5682513"   "5689732"   "5721916"   "5724500"   "5734813"   "5740397"   "5741792"   "5742792"	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/21 12:41
4/27/2006 9:53:26 AM		"5764972"   "5819310"   "5835954" C:\Documents and Settings\steve\My Documents\EAST\Workspaces\10719113\10719113.wsp   "5889935"   "5901327"   "5987566"   "6044444"   "6052797"			Page 4	

## EAST Search History

S20	4	(second adj2 fail\$2 adj2 state) with (connection or bus or link or path or line or channel)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 15:46
S21	8261	fail\$2 adj2 (connection or bus or link or path or line or channel)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 16:12
S22	38	S21 with controller with (second\$3 or backup or redundant or passive)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 14:50
S23	20113	(monitor\$3) with (connection or bus or link or path or line or channel) with (fault\$2 or fail\$4 or error or down or outage or offline or broken)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 14:58
S24	1937	S23 and ( (storage or memory or disk or raid) adj3 controller)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 14:59
S25	135	S23 and ( (storage or memory or disk or raid) adj3 controller adj3 (first or primary or main or active))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 15:26
S26	1	("6173377").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/21 15:26
S27	2	("2003/0126315").URPN.	USPAT	AND	ON	2006/04/21 15:38
S28	1	("6,944,133").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/21 15:38
S29	12	("5293488"   "5544347"   "5633999"   "5948062"   "5987621"   "6078503"   "6151665"   "6173377"   "6192408"   "6411991"   "6578160"   "6718481").PN. OR ("6944133").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/21 15:42
S30	1	("6,658,590").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/21 15:42
S31	796	((first or primary or main or active) adj3 controller) adj3 (storage or disk)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 15:43
S32	743	(714/43).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/21 15:43

## EAST Search History

S33	2	S31 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 15:44
S34	160	(path or connection or channel) adj3 (fail\$4) adj3 state	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 15:44
S35	35	S34 same time	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 15:45
S36	8675	(connection or bus or link or path or line or channel) with time with (fail\$3 or error or down\$2 or broke\$1 or faulty or outage) with (state or condition)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 15:48
S37	2083	S36 with (monitor\$4 or detect\$4 or determin\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 15:49
S38	349	S37 same (host or controller or server)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 15:50
S39	37525	( (fail\$3 or fault or error or down\$2 or outage or broken or dead) with (connection or bus or link or path or line or channel)) same time same (monitor\$4 or detect\$4 or determin\$4 or watchdog) same (state or condition)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 16:20
S40	464	( (fail\$3 or fault or error or down\$2 or outage or broken or dead) with (connection or bus or link or path or line or channel)) same (watchdog adj timer)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 16:14
S41	143	( (fail\$3 or fault or error or down\$2 or outage or broken or dead) with (connection or bus or link or path or line or channel)) same (watchdog adj timer) same (state or condition)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 16:14
S42	60	( (fail\$3 or fault or error or down\$2 or outage or broken or dead) with (connection or bus or link or path or line or channel)) same time same (monitor\$4 or detect\$4 or determin\$4 or watchdog) same (state or condition) same (permanent) same (transient)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 16:54

## EAST Search History

S43	8	("5787019"   "6085265"   "6108699"   "6151688"   "6334155"   "6493715").PN. OR ("6766470").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/21 16:24
S44	130	( (fail\$3 or fault or error or down\$2 or outage or broken or dead) same (connection or bus or link or path or line or channel)) same time same (monitor\$4 or detect\$4 or determin\$4 or watchdog) same (state or condition) same (permanent) same (transient)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 16:54
S45	70	S44 not S42	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 16:55
S46	4	S32 and ((permanent) same (transient))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 17:03
S47	104	(709/211).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/21 17:04
S49	0	S48 and (permanent same transient)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 17:04
S50	2	S47 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 17:04
S51	735	(370/241).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/21 17:13
S52	1	S51 and (permanent same transient)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 17:13
S53	448	S51 and (server or host or controller)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 17:14
S54	686	S32 and time	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 18:25

## EAST Search History

S55	322	S32 and ((predetermin\$3 or exceed or greater or "more than" or longer or over or threshold) with time)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 18:26
S56	212	S32 and ((predetermin\$3 or exceed or greater or "more than" or longer or over or threshold) with time) same (connection or bus or link or path or line or channel))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 18:27
S57	112	S32 and ((predetermin\$3 or exceed or greater or "more than" or longer or over or threshold) with time) same ((connection or bus or link or path or line or channel) with (error or fault\$2 or fail\$4 or broken or down\$2 or outage or breakage)))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 18:51
S58	10	("5701410").URPN.	USPAT	AND	ON	2006/04/21 18:33
S59	13	("6038618").URPN.	USPAT	AND	ON	2006/04/21 18:36
S60	0	S32 and ((predetermin\$3 or exceed or greater or "more than" or longer or over or threshold or after) with time) same ((permanent) adj2 (error or fault\$2 or fail\$4 or broken or down\$2 or outage or breakage)))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 18:54
S61	14	S32 and (transient adj2 (error or fault\$2 or fail\$4 or broken or down\$2 or outage or breakage)) and time	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/21 19:10
S62	96935	(fail\$3 or broken or down\$2 or disconnect\$4 or fault\$2 or error) with (connection or bus or link or path or line) with time	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 12:19
S63	1106	((first or primary or main or active) adj3 controller) and ((second\$3 or backup or redundant or passive) adj3 (controller)) and S62	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 10:44
S64	12261	(fail\$3 or broken or down\$2 or disconnect\$4 or fault\$2 or error) with (connection or bus or link or path or line) with time with (timer or (time adj out) or threshold or predetermine\$3 or exceed or heartbeat)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 10:43
S65	257	((first or primary or main or active) adj3 controller) and ((second\$3 or backup or redundant or passive) adj3 (controller)) and S64	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 12:12

## EAST Search History

S66	12	("5274645"   "5734818"   "5771344"   "6167531"   "6199074"   "6308284").PN. OR ("6629264").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/24 11:14
S67	11	(redundan\$4 adj3 (connection or bus or link or path or line or channel)) with time with (threshold or predetermin\$3) with (state or condition)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 12:14
S68	398	((redundan\$4 or multiple or plurality) adj3 (connection or bus or link or path or line or channel)) with time with (threshold or predetermin\$3) with (state or condition)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 12:15
S69	20939	((first or primary or main or active) adj3 controller) and ((second\$3 or backup or redundant or passive) adj3 (controller))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 12:14
S70	2	S68 and S69	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 12:14
S71	238	((redundan\$4 or multiple or plurality) adj3 (connection or bus or link or path or line or channel)) with time with predetermined with (fail\$3 or broken or down\$2 or disconnect\$4 or fault\$2 or error)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 12:16
S73	0	S71 and ((transient and permanent) adj3 (state or condition))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 12:18
S74	150	(transient and permanent) adj3 (state or condition)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 12:18
S75	17	((fail\$3 or broken or down\$2 or disconnect\$4 or fault\$2 or error) with (connection or bus or link or path or line or channel) with time) and S74	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 15:22
S76	1	"20030039207"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 12:54
S77	1	"20010043560"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 12:40

## EAST Search History

S78	1	("5,923,677").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 12:54
S79	0	("5,959,489").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 12:54
S80	1	("5,959,489").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 12:55
S81	1	("20040052520").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 12:55
S82	0	(2004/0114924).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 12:55
S83	1	("20040114924").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 12:55
S84	444	((transient and permanent) adj3 (error or fault or fail\$4 or condition or state))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 15:12
S85	1250485	(fail\$3 or broken or down\$2 or disconnect\$4 or fault\$2 or error) with (connection or bus or link or path or line or channel)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 15:22
S86	295	S84 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 15:25
S87	20939	((first or primary or main or active) adj3 controller) and ((second\$3 or backup or redundant or passive) adj3 (controller))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 15:25
S88	28	S86 and S87	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 15:25
S89	2264	((first or primary or main or active or master) adj3 controller adj3 (storage or disk or memory)) and ((second\$3 or backup or redundant or passive or slave) adj3 (controller) or (storage or disk or memory))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 15:30
S90	5	S89 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 15:30

## EAST Search History

S91	516	((first or primary or main or active or master) adj3 controller adj3 (storage or disk or memory)) and ((second\$3 or backup or redundant or passive or slave) adj3 (controller) adj3 (storage or disk or memory))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 15:36
S92	5	S91 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 15:37
S93	8	("5787019"   "6085265"   "6108699"   "6151688"   "6334155"   "6493715").PN. OR ("6766470").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/24 15:36
S94	22768	((first or primary or main or active or master) adj3 controller) and ((second\$3 or backup or redundant or passive or slave) adj3 (controller))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 16:09
S95	31	S94 and S84	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 15:37
S96	25	("6502205").URPN.	USPAT	AND	ON	2006/04/24 15:40
S97	4	("6823336").URPN.	USPAT	AND	ON	2006/04/24 15:45
S98	52	("4686620"   "4755928"   "5155845"   "5175837"   "5175852"   "5218695"   "5255270"   "5276860"   "5276867"   "5276871"   "5301286"   "5341493"   "5367698"   "5379418"   "5434994"   "5487160"   "5535381"   "5590320"   "5594863"   "5596706"   "5611069"   "5615329"   "5673382"   "5680640"   "5701516"   "5758149"   "5829047"   "5835953"   "5835954"   "5852715"   "5857208"   "5870764"   "5873116"   "5875478"   "5893140"   "5901327"   "5909483"   "5978951"   "6029175"   "6035412"   "6052797"   "6076148"   "6081875"   "6092066"   "6101497"   "6108748"   "6496908"   "6502205").PN. OR ("6823336").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/04/24 15:45

## EAST Search History

S99	92	((redundan\$4 or plurality or multiple) adj3 (connection or bus or link or path or line or channel) ) with (fail\$4 or broken or down\$2 or error or fault or outage)) same ((first or primary or main or active or master) adj3 controller)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 16:15
S100	0	((redundan\$4 or plurality or multiple) adj3 (connection or bus or link or path or line or channel) ) with (fail\$4 or broken or down\$2 or error or fault or outage) with (transient or temporary)) same ((first or primary or main or active or master) adj3 controller)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 16:16
S101	13	((connection or bus or link or path or line or channel) ) with (fail\$4 or broken or down\$2 or error or fault or outage) with (transient or temporary)) same ((first or primary or main or active or master) adj3 controller)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 16:17
S102	600	(714/11).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 17:47
S103	17	( (\$3transient or temporary) adj3 (fault or fail\$3 or error)) with (connection or bus or link or path or line or channel) with (predetermine\$2 adj3 time)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 17:33
S105	0	("2004/0205388").URPN.	USPAT	AND	ON	2006/04/24 17:36
S106	246	(714/12).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 17:48
S107	743	(714/43).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 17:48
S108	104	(709/211).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 17:48
S109	182	S106 not (S102 or S107 or S108)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/24 17:55

## EAST Search History

S11 1	265	( (monitor\$4 or detect\$4) with (connection or bus or link or path or line or channel) with (between or within or coupled) with ( controller) with (storage or disk or memory or raid)) same (fail\$3 or disconnect\$4 or fault\$2 or error)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/25 11:05
S11 2	1	("5742792").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/25 11:05
S11 3	0	("2004/0236983").URPN.	USPAT	AND	ON	2006/04/25 12:17
S11 4	67	((transient adj3 (fault or fail\$4 or error)) with (connection or bus or link or path or line or channel)) same ( queue or buffer or retr\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/25 16:03
S11 5	1748	(714/6).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/26 15:36
S11 6	1669	S115 and time	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/26 16:12
S11 7	168	S115 and (predetermined adj time)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/26 15:36
S11 8	450	S116 and ( (monitor\$4 or detect\$4 or monitor\$4) with (path or connection or channel or link or line or bus) )	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/26 17:36
S11 9	613	S116 and ( (monitor\$4 or detect\$4 or determin\$3) with (path or connection or channel or link or line or bus) )	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/26 15:40
S12 0	205	S116 and (( (monitor\$4 or detect\$4 or determin\$3) with (path or connection or channel or link or line or bus) ) same time)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/26 15:55
S12 1	0	S115 and (( (monitor\$4 or detect\$4 or monitor\$4) with (path or connection or channel or link or line or bus) with (transient or temporary) ) same time)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/26 15:51
S12 2	1	S115 and (( (monitor\$4 or detect\$4 or monitor\$4) with (path or connection or channel or link or line or bus) with (transient or temporary) ))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/26 15:51

## EAST Search History

S12 3	1649	S115 and ( (monitor\$4 or detect\$4 or determin\$3) with (path or connection or channel or link or line or bus) or (error or fault or fail\$4) )	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/26 15:56
S12 4	306	S115 and ( (monitor\$4 or detect\$4 or determin\$3) with (path or connection or channel or link or line or bus) with (error or fault or fail\$4) )	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/26 15:57
S12 5	78	S115 and (( (monitor\$4 or detect\$4 or determin\$3) with (path or connection or channel or link or line or bus) with (error or fault or fail\$4) ) same time)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/26 15:57
S12 6	17537	( (monitor\$4 or detect\$4 or determin\$4) with (path or connection or channel or link or line or bus) with (error or fault or fail\$4) ) same (controller or server or host or cpu or processor)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/26 17:38
S12 8	2718	S126 and (predetermin\$4 adj time)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/26 17:39
S12 9	10212	S127 and ( (redundan\$5 or multiple or plurality or failover or (fail adj over)) with (path or connection or channel or link or line or bus))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/27 09:29
S13 0	1806	S128 and ( (redundan\$5 or multiple or plurality or failover or (fail adj over)) with (path or connection or channel or link or line or bus))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/26 17:39
S13 1	503	S130 and ((first or primary or main or active or backup) adj3 (controller or cpu or processor or server)) and ((second\$3 or backup or redundant or passive or slave) adj3 (controller or cpu or processor or server))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/26 17:45
S13 2	81	S131 and (transient with (error or fault or fail\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2006/04/26 17:45